WEST Search History

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DATE: Monday, January 28, 2008

Hide?	Set Name	Query	Hit Count
	DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; THES=ASSIGNEE; PLUR=YES; OP=AND		
☐	L12	L11 (@ay<2004)	481
☐	L11	L8 L10	1161
☐	L10	(organ or host or transplant$7 or reject$5 or graft or versus)	1374818
☐	L9	L8	1959
☐	L8	histone with deacetylase with (inhib$9 or decreas$4 or antagon$8 or lower$4 or bliock$5)	1959
☐	L7	L5 (lbh)	0
☐	L6	L5 (organ or host or transplant$7 or reject$5 or graft or versus)	2
☐	L5	20050085509.pn.	2
☐	L4	L2 (@ay < 2005)	55
☐	L3	L2 (@ay < 2004)	0
☐	L2	L1 ((transplant or transplantation or rejection or reject or rejecting or graft) or (histone deacetylase))	89
☐	L1	panobinostat or lbh589 or lbh adj 589	89

END OF SEARCH HISTORY

d L11 ibib iabs kwic hitstr 1-7

L11 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2008:10367 CAPLUS <<LOGINID::20080128>>
DOCUMENT NUMBER: 148:93277
TITLE: Histone deacetylase inhibitors for treating degenerative diseases of the eye
INVENTOR(S): Hellberg, Peggy E.
PATENT ASSIGNEE(S): Alcon, Inc., Switz.
SOURCE: U.S. Pat. Appl. Publ., 8pp., Cont.-in-part of U.S. Ser. No. 694,309.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE	
US 2008004311	A1	20080103	US 2007-836309	20070809	
US 2004092431	A1	20040513	US 2003-694309	20031027	<--
CA 2504226	A1	20040527	CA 2003-2504226	20031027	<--
AU 2003286686	A1	20040603	AU 2003-286686	20031027	<--
EP 1562592	A2	20050817	EP 2003-777895	20031027	<--
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK					
BR 2003016163	A	20050927	BR 2003-16163	20031027	<--
JP 2006508120	T	20060309	JP 2004-551572	20031027	<--
US 2007088045	A1	20070419	US 2005-531747	20050418	
MX 2005PA04738	A	20050803	MX 2005-PA4738	20050503	
IN 2007DN07459	A	20071109	IN 2007-DN7459	20070927	
PRIORITY APPLN. INFO.:			US 2002-425576P	P 20021112	
			US 2003-694309	A2 20031027	
			WO 2003-US33873	W 20031027	
			IN 2005-DN2543	A3 20050613	

ABSTRACT:
The invention discloses compns. and methods for treating degenerative conditions and diseases of the eye with histone deacetylase inhibitors.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE	
PI	US 2008004311	A1	20080103	US 2007-836309	20070809	
	US 2004092431	A1	20040513	US 2003-694309	20031027	<--
	CA 2504226	A1	20040527	CA 2003-2504226	20031027	<--
	AU 2003286686	A1	20040603	AU 2003-286686	20031027	<--
	EP 1562592	A2	20050817	EP 2003-777895	20031027	<--
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK					
	BR 2003016163	A	20050927	BR 2003-16163	20031027	<--
	JP 2006508120	T	20060309	JP 2004-551572	20031027	<--
	US 2007088045	A1	20070419	US 2005-531747	20050418	
	MX 2005PA04738	A	20050803	MX 2005-PA4738	20050503	
	IN 2007DN07459	A	20071109	IN 2007-DN7459	20070927	

IT ***Organ*** preservation
Transplant and ***Transplantation***
(retinal ***transplant*** preservation; histone deacetylase inhibitors for treatment of degenerative eye diseases)

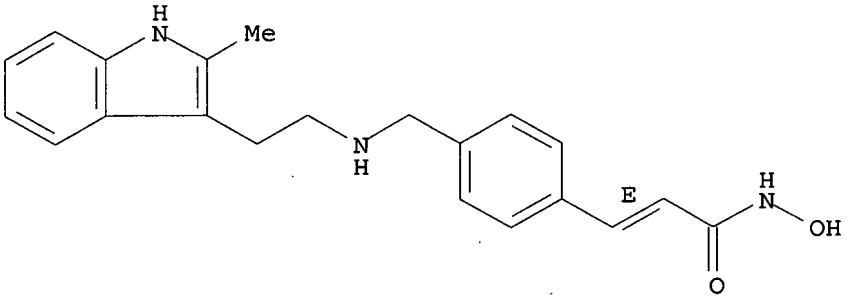
IT 60-01-5, Tributyrin 4346-18-3, Phenyl butyrate 112522-64-2, CI-994 122110-53-6, AN-9 149647-78-9, SAHA 287383-59-9, Scriptaid ***404950-80-7***, ***LBH-589*** 414864-00-9, PXD-101

591207-53-3, LAQ-824 676599-90-9 847460-34-8, CRA026440
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(histone deacetylase inhibitors for treatment of degenerative eye diseases)

IT ***404950-80-7***, ***LBH-589***
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(histone deacetylase inhibitors for treatment of degenerative eye diseases)

RN 404950-80-7 CAPLUS
CN 2-Propenamide, N-hydroxy-3-[4-[[[2-(2-methyl-1H-indol-3-yl)ethyl]amino]methyl]phenyl]-, (2E)- (CA INDEX NAME)

Double bond geometry as shown.



L11 ANSWER 2 OF 7 USPATFULL on STN

ACCESSION NUMBER:	2005:99590 USPATFULL <<LOGINID::20080128>>			
TITLE:	Piperidin-2-one derivative compounds and drugs containing these compounds as the active ingredient			
INVENTOR(S):	Takahashi, Kanji, Mishima-gun, JAPAN Yamamoto, Shingo, Mishima-gun, JAPAN Naka, Masao, Mishima-gun, JAPAN			

	NUMBER	KIND	DATE		
PATENT INFORMATION:	US 2005085509	A1	20050421		
APPLICATION INFO.:	US 2003-495465	A1	20021121	(10)	<--
	WO 2002-JP12174		20021121		<--

	NUMBER	DATE
PRIORITY INFORMATION:	JP 2001-357348	20011122

DOCUMENT TYPE:	Utility
FILE SEGMENT:	APPLICATION
LEGAL REPRESENTATIVE:	WENDEROTH, LIND & PONACK, L.L.P., 2033 K STREET N. W., SUITE 800, WASHINGTON, DC, 20006-1021, US
NUMBER OF CLAIMS:	12
EXEMPLARY CLAIM:	1
NUMBER OF DRAWINGS:	1 Drawing Page(s)
LINE COUNT:	5997

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
ABSTRACT:

A piperidin-2-one derivative compound represented by formula (I): ##STR1## wherein all symbols are described in the specification, or a non-toxic salt

thereof. The compound represented by formula (I) inhibits activation of p38MAP kinase, and is useful for prevention and/or treatment of various inflammatory diseases, rheumatoid arthritis, osteoarthritis, arthritis, osteoporosis, autoimmune diseases, infectious diseases, sepsis, cachexia, cerebral infarction, Alzheimer's disease, asthma, chronic pulmonary inflammatory diseases, reperfusion injury, thrombosis, glomerulonephritis, diabetes, ***graft*** versus host ***rejection***, inflammatory bowel disease, Crohn's disease, ulcerative colitis, multiple sclerosis, tumor growth and metastasis, multiple myeloma, plasma cell leukemia, Castleman's disease, atrial myxoma, psoriasis, dermatitis, gout, adult respiratory distress syndrome (ARDS), arteriosclerosis, post-percutaneous transluminal coronary angioplasty (PTCA) restenosis or pancreatitis.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

20021121

AB . . . autoimmune diseases, infectious diseases, sepsis, cachexia, cerebral infarction, Alzheimer's disease, asthma, chronic pulmonary inflammatory diseases, reperfusion injury, thrombosis, glomerulonephritis, diabetes, ***graft*** versus host ***rejection***, inflammatory bowel disease, Crohn's disease, ulcerative colitis, multiple sclerosis, tumor growth and metastasis, multiple myeloma, plasma cell leukemia, Castleman's disease,. . .

SUMM . . . autoimmune diseases, infectious diseases, sepsis, cachexia, cerebral infarction, Alzheimer's disease, asthma, chronic pulmonary inflammatory diseases, reperfusion injury, thrombosis, glomerulonephritis, diabetes, ***graft*** versus host ***rejection***, inflammatory bowel disease, Crohn's disease, ulcerative colitis, multiple sclerosis, tumor growth and metastasis, multiple myeloma, plasma cell leukemia, Castleman's disease,. . .

DETD . . . autoimmune diseases, infectious diseases, sepsis, cachexia, cerebral infarction, Alzheimer's disease, asthma, chronic pulmonary inflammatory diseases, reperfusion injury, thrombosis, glomerulonephritis, diabetes, ***graft*** versus host ***rejection***, inflammatory bowel disease, Crohn's disease, ulcerative colitis, multiple sclerosis, tumor growth and metastasis, multiple myeloma, plasma cell leukemia, Castleman's disease,. . .

CLM What is claimed is:

. . . autoimmune diseases, infectious diseases, sepsis, cachexia, cerebral infarction, Alzheimer's disease, asthma, chronic pulmonary inflammatory diseases, reperfusion injury, thrombosis, glomerulonephritis, diabetes, ***graft*** versus host ***rejection***, inflammatory bowel disease, Crohn's disease, ulcerative colitis, multiple sclerosis, tumor growth and metastasis, multiple myeloma, plasma cell leukemia, Castleman's disease,. . .

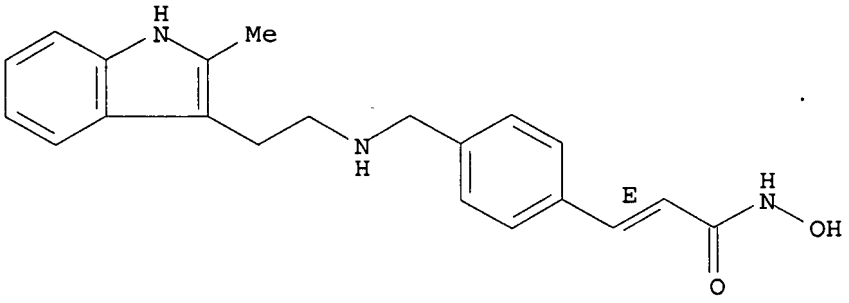
IT 220991-20-8P ***404950-80-7P*** ***404951-52-6P*** ***404951-53-7P***
(cyclooxygenase-2 inhibitor-histone deacetylase inhibitor combination for treatment of premalignant colon lesions, colon cancer, and other malignancies)

IT ***404950-80-7P*** ***404951-52-6P*** ***404951-53-7P***
(cyclooxygenase-2 inhibitor-histone deacetylase inhibitor combination for treatment of premalignant colon lesions, colon cancer, and other malignancies)

RN 404950-80-7 USPATFULL

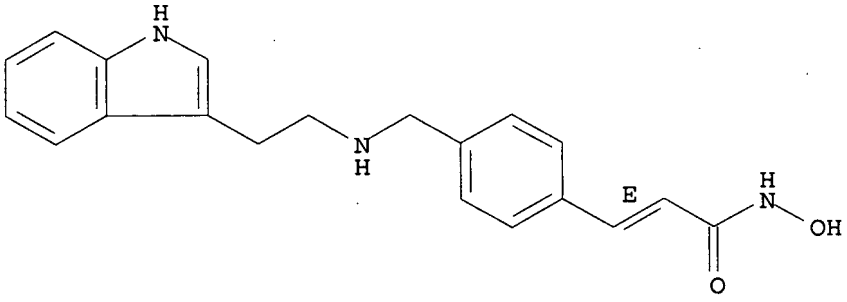
CN 2-Propenamide, N-hydroxy-3-[4-[[[2-(2-methyl-1H-indol-3-yl)ethyl]amino]methyl]phenyl]-, (2E)- (CA INDEX NAME)

Double bond geometry as shown.



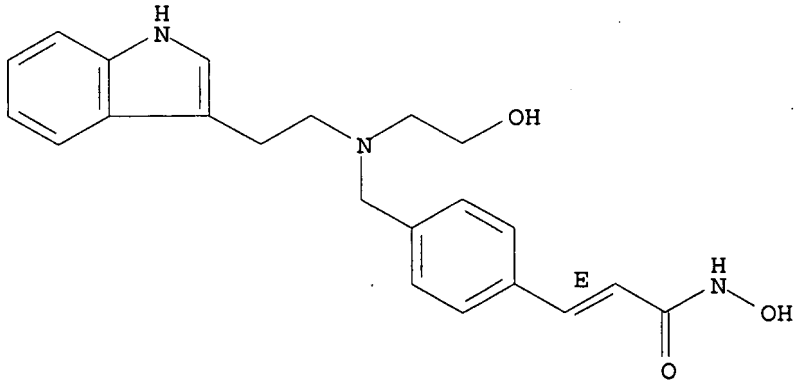
RN 404951-52-6 USPATFULL
CN 2-Propenamide, N-hydroxy-3-[4-[[[2-(1H-indol-3-yl)ethyl]amino]methyl]phenyl]-, (2E)- (CA INDEX NAME)

Double bond geometry as shown.



RN 404951-53-7 USPATFULL
CN 2-Propenamide, N-hydroxy-3-[4-[[(2-hydroxyethyl)[2-(1H-indol-3-yl)ethyl]amino]methyl]phenyl]-, (2E)- (CA INDEX NAME)

Double bond geometry as shown.



L11 ANSWER 3 OF 7 USPATFULL on STN
ACCESSION NUMBER: 2004:88570 USPATFULL <<LOGINID::20080128>>
TITLE: Rapid method for screening compounds for in vivo activity
INVENTOR(S): Lassota, Piotr, Succasunna, NJ, UNITED STATES

	NUMBER	KIND	DATE		
PATENT INFORMATION:	US 2004067540	A1	20040408		
APPLICATION INFO.:	US 2003-250739	A1	20030707	(10)	<--
	WO 2002-EP106		20020108		<--

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: THOMAS HOXIE, NOVARTIS, CORPORATE INTELLECTUAL PROPERTY, ONE HEALTH PLAZA 430/2, EAST HANOVER, NJ, 07936-1080
NUMBER OF CLAIMS: 17
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 1 Drawing Page(s)
LINE COUNT: 577
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
ABSTRACT:

The present invention provides a rapid method for screening potentially pharmaceutically useful compounds for activity in vivo. The method has the steps of growing a target cell into which a reporter gene was introduced in a biocompatible, semipermeable encapsulation device; implanting the semi-permeable encapsulation device into a subject; administering a potentially pharmaceutically active compound to said subject; removing said encapsulation device from said subject after in vivo exposure to the potentially pharmaceutically active compound and evaluating said target cell for reaction to said potentially paharmaceutically active compound by measuring the expression of said reporter gene.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

20020108

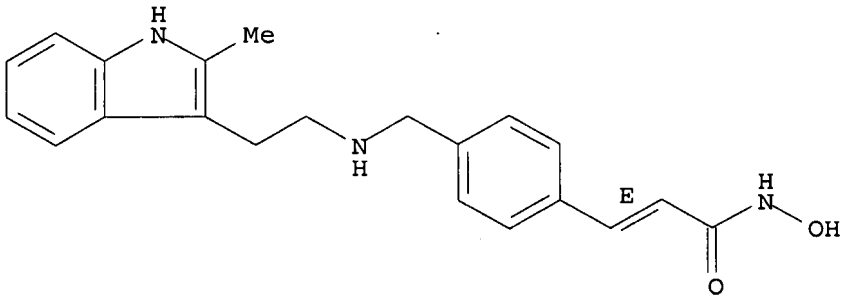
SUMM . . . laboratory animal; (2) orthotopic model where live tumor cells are surgically implanted or tumor cell suspensions are injected into the ***organ*** of tumor origin (i.e. prostate tumor cells into the prostate, lung tumor cells into the lungs or the subrenal tumor. . .

IT ***404950-80-7P*** ***404951-52-6P***
(rapid method for screening compds. for in vivo activity)

IT ***404950-80-7P*** ***404951-52-6P***
(rapid method for screening compds. for in vivo activity)

RN 404950-80-7 USPATFULL
CN 2-Propenamide, N-hydroxy-3-[4-[[[2-(2-methyl-1H-indol-3-yl)ethyl]amino]methyl]phenyl]-, (2E)- (CA INDEX NAME)

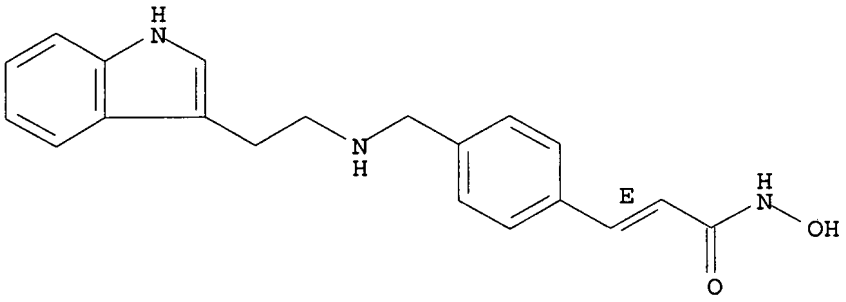
Double bond geometry as shown.



RN 404951-52-6 USPATFULL
CN 2-Propenamide, N-hydroxy-3-[4-[[[2-(1H-indol-3-

yl)ethyl]amino]methyl]phenyl]-, (2E)- (CA INDEX NAME)

Double bond geometry as shown.



L11 ANSWER 4 OF 7 USPATFULL on STN

ACCESSION NUMBER: 2004:31925 USPATFULL <<LOGINID::20080128>>

TITLE: Deacetylase inhibitors

INVENTOR(S): Remiszewski, Stacy William, Washington Township, NJ, UNITED STATES
Bair, Walter William, Mountain Lakes, NJ, UNITED STATES
Versace, Richard W., Wanaque, NJ, UNITED STATES
Perez, Lawrence Blas, Hackettstown, NJ, UNITED STATES
Green, Michael Alan, Easton, PA, UNITED STATES
Sambucetti, Lidia C., Pacifica, CA, UNITED STATES
Sharma, Sushil, West Orange, NJ, UNITED STATES

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 2004024067	A1	20040205	
	US 6833384	B2	20041221	
APPLICATION INFO.:	US 2002-299518	A1	20021116	(10) <--

RELATED APPLN. INFO.: Continuation of Ser. No. US 2001-944275, filed on 31 Aug 2001, PENDING

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-307490P	20010724 (60)
	US 2001-292232P	20010518 (60)
	US 2000-229943P	20000901 (60)

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: THOMAS HOXIE, NOVARTIS, PATENT AND TRADEMARK DEPARTMENT, ONE HEALTH PLAZA 430/2, EAST HANOVER, NJ, 07936-1080

NUMBER OF CLAIMS: 38

EXEMPLARY CLAIM: 1

LINE COUNT: 2083

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ABSTRACT:

The present invention provides hydroxamate compounds which are deacetylase inhibitors. The compounds are suitable for pharmaceutical compositions having anti-proliferative properties.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

SUMM [0163] Where a tumor, a tumor disease, a carcinoma or a cancer are

mentioned, also metastasis in the original ***organ*** or tissue and/or in any other location are implied alternatively or in addition, whatever the location of the tumor and/or. . .

IT 404948-38-5P 404948-39-6P 404948-40-9P 404948-41-0P 404948-42-1P
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(preparation of hydroxamic acids as deacetylase inhibitors)

IT 404951-18-4P 404951-20-8P 404951-21-9P 404951-22-0P 404951-23-1P
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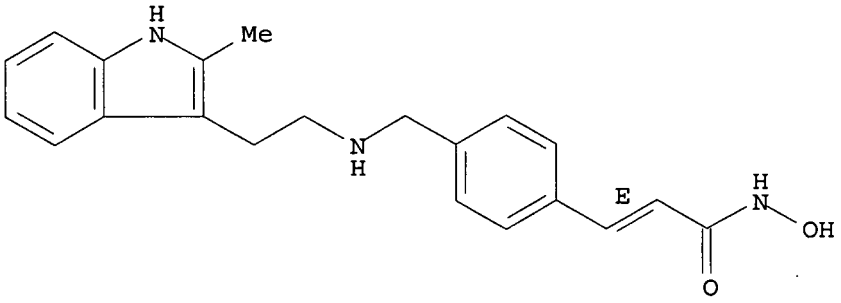
404951-48-0P 404951-49-1P 404951-50-4P 404951-51-5P
404951-52-6P 404951-54-8P 404953-24-8P
(preparation of hydroxamic acids as deacetylase inhibitors)

IT ***404950-80-7P*** ***404951-52-6P***

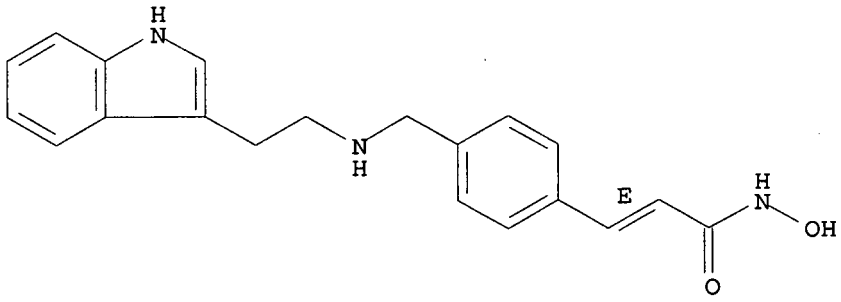
(preparation of hydroxamic acids as deacetylase inhibitors)
RN 404950-80-7 USPATFULL
CN 2-Propenamide, N-hydroxy-3-[4-[[[2-(2-methyl-1H-indol-3-yl)ethyl]amino]methyl]phenyl]-, (2E)- (CA INDEX NAME)

Double bond geometry as shown.



RN 404951-52-6 USPATFULL
CN 2-Propenamide, N-hydroxy-3-[4-[[[2-(1H-indol-3-yl)ethyl]amino]methyl]phenyl]-, (2E)- (CA INDEX NAME)

Double bond geometry as shown.



L11 ANSWER 5 OF 7 USPATFULL on STN
ACCESSION NUMBER: 2003:24219 USPATFULL <<LOGINID::20080128>>
TITLE: Deacetylase inhibitors
INVENTOR(S): Remiszewski, Stacy W., Washington Township, NJ, UNITED STATES
Bair, Kenneth W., Mountain Lakes, NJ, UNITED STATES
Versace, Richard W., Wanaque, NJ, UNITED STATES
Perez, Lawrence B., Hackettstown, NJ, UNITED STATES
Green, Michael A., Easton, PA, UNITED STATES
Sambucetti, Lidia C., Pacifica, CA, UNITED STATES
Sharma, Sushil, West Orange, NJ, UNITED STATES

	NUMBER	KIND	DATE		
PATENT INFORMATION:	US 2003018062	A1	20030123		
	US 6552065	B2	20030422		
APPLICATION INFO.:	US 2001-944275	A1	20010831	(9)	<--

	NUMBER	DATE

PRIORITY INFORMATION: US 2001-307490P 20010724 (60)
US 2001-292232P 20010518 (60)
US 2000-229943P 20000901 (60)
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: THOMAS HOXIE, NOVARTIS CORPORATION, PATENT AND TRADEMARK DEPT, 564 MORRIS AVENUE, SUMMIT, NJ, 079011027
NUMBER OF CLAIMS: 38
EXEMPLARY CLAIM: 1
LINE COUNT: 2073
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
ABSTRACT:

The present invention provides hydroxamate compounds which are deacetylase inhibitors. The compounds are suitable for pharmaceutical compositions having anti-proliferative properties.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
SUMM [0162] Where a tumor, a tumor disease, a carcinoma or a cancer are mentioned, also metastasis in the original ***organ*** or tissue and/or in any other location are implied alternatively or in addition, whatever the location of the tumor and/or. . .

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(preparation of hydroxamic acids as deacetylase inhibitors)

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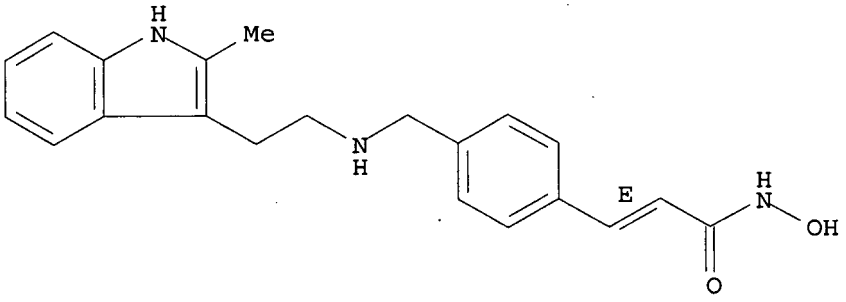
(preparation of hydroxamic acids as deacetylase inhibitors)

IT ***404950-80-7P*** ***404951-52-6P***
(preparation of hydroxamic acids as deacetylase inhibitors)

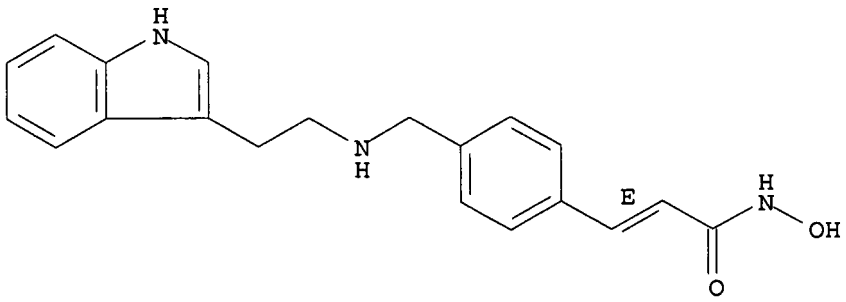
RN 404950-80-7 USPATFULL
CN 2-Propenamide, N-hydroxy-3-[4-[[[2-(2-methyl-1H-indol-3-yl)ethyl]amino]methyl]phenyl]-, (2E)- (CA INDEX NAME)

Double bond geometry as shown.



RN 404951-52-6 USPATFULL
CN 2-Propenamide, N-hydroxy-3-[4-[[[2-(1H-indol-3-yl)ethyl]amino]methyl]phenyl]-, (2E)- (CA INDEX NAME)

Double bond geometry as shown.



L11 ANSWER 6 OF 7 USPAT2 on STN
ACCESSION NUMBER: 2004:31925 USPAT2 <<LOGINID::20080128>>
TITLE: Deacetylase inhibitors
INVENTOR(S): Remiszewski, Stacy William, Washington Township, NJ, United States
Bair, Kenneth Walter, Mountain Lakes, NJ, United States
Versace, Richard William, Wanaque, NJ, United States
Perez, Lawrence Blas, Hackettstown, NJ, United States
Green, Michael Alan, Easton, PA, United States
Sambucetti, Lidia Cristina, Pacifica, CA, United States
Sharma, Sushil, West Orange, NJ, United States
PATENT ASSIGNEE(S): Novartis AG, Basel, SWITZERLAND (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6833384	B2	20041221
APPLICATION INFO.:	US 2002-299518		20021119 (10) <--
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2001-944275, filed on 31 Aug 2001, now patented, Pat. No. US 6552065		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-307490P	20010724 (60)
	US 2001-292232P	20010518 (60)
	US 2000-229943P	20000901 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: GRANTED
PRIMARY EXAMINER: Lambkin, Deborah C.
LEGAL REPRESENTATIVE: McNally, Lydia T., Dohmann, George R.
NUMBER OF CLAIMS: 8
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 0 Drawing Figure(s); 0 Drawing Page(s)
LINE COUNT: 1318
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
ABSTRACT:

The present invention provides hydroxamate compounds which are deacetylase inhibitors. The compounds are suitable for pharmaceutical compositions having anti-proliferative properties.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
DETD Where a tumor, a tumor disease, a carcinoma or a cancer are mentioned, also metastasis in the original ***organ*** or tissue and/or in any other location are implied alternatively or in addition, whatever the location of the tumor and/or. . .

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(preparation of hydroxamic acids as deacetylase inhibitors)

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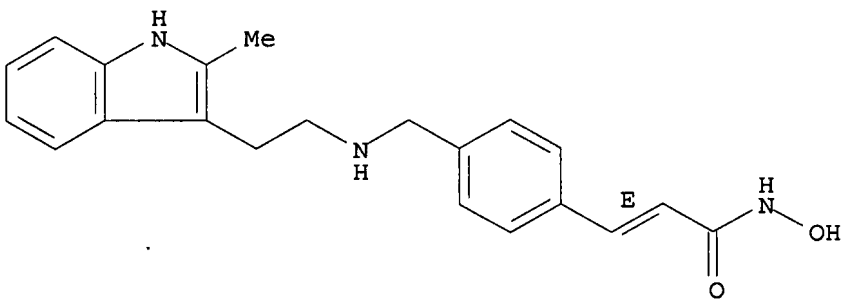
(preparation of hydroxamic acids as deacetylase inhibitors)

IT ***404950-80-7P*** ***404951-52-6P***
(preparation of hydroxamic acids as deacetylase inhibitors)

RN 404950-80-7 USPAT2

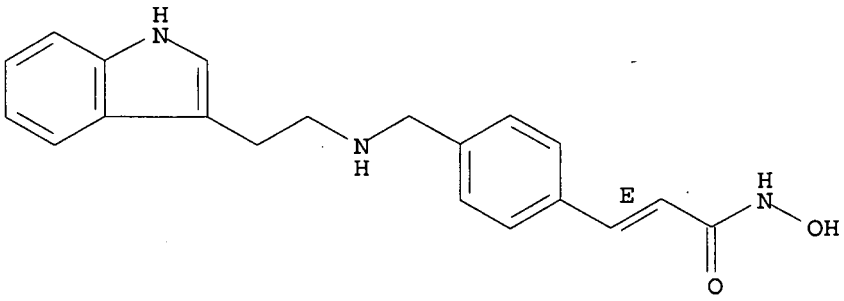
CN 2-Propenamide, N-hydroxy-3-[4-[[[2-(2-methyl-1H-indol-3-yl)ethyl]amino]methyl]phenyl]-, (2E)- (CA INDEX NAME)

Double bond geometry as shown.



RN 404951-52-6 USPAT2
CN 2-Propenamide, N-hydroxy-3-[4-[[[2-(1H-indol-3-yl)ethyl]amino]methyl]phenyl]-, (2E)- (CA INDEX NAME)

Double bond geometry as shown.



L11 ANSWER 7 OF 7 USPAT2 on STN

ACCESSION NUMBER:	2003:24219 USPAT2 <<LOGINID::20080128>>
TITLE:	Deacetylase inhibitors
INVENTOR(S):	Remiszewski, Stacy William, Washington Township, NJ, United States Bair, Kenneth Walter, Mountain Lakes, NJ, United States Versace, Richard William, Wanaque, NJ, United States Perez, Lawrence Blas, Hackettstown, NJ, United States Green, Michael Alan, Easton, PA, United States Sambucetti, Lidia Cristina, Pacifica, CA, United States Sharma, Sushil, West Orange, NJ, United States
PATENT ASSIGNEE(S):	Novartis AG, Basel, SWITZERLAND (non-U.S. corporation)

	NUMBER	KIND	DATE		
PATENT INFORMATION:	US 6552065	B2	20030422		
APPLICATION INFO.:	US 2001-944275		20010831	(9)	<--

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-307490P	20010724 (60)
	US 2001-292232P	20010518 (60)
	US 2000-229943P	20000901 (60)

DOCUMENT TYPE:	Utility
FILE SEGMENT:	GRANTED
PRIMARY EXAMINER:	McKane, Joseph K.
ASSISTANT EXAMINER:	Wright, Sonya
LEGAL REPRESENTATIVE:	Dohmann, George R.
NUMBER OF CLAIMS:	27
EXEMPLARY CLAIM:	1
NUMBER OF DRAWINGS:	0 Drawing Figure(s); 0 Drawing Page(s)
LINE COUNT:	1525

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ABSTRACT:

The present invention provides hydroxamate compounds which are deacetylase inhibitors. The compounds are suitable for pharmaceutical compositions having anti-proliferative properties.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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(preparation of hydroxamic acids as deacetylase inhibitors)

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(preparation of hydroxamic acids as deacetylase inhibitors)

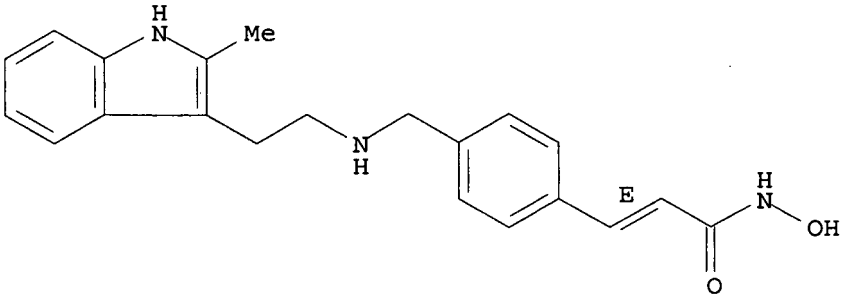
IT ***404950-80-7P*** ***404951-52-6P***

(preparation of hydroxamic acids as deacetylase inhibitors)

RN 404950-80-7 USPAT2

CN 2-Propenamide, N-hydroxy-3-[4-[[[2-(2-methyl-1H-indol-3-yl)ethyl]amino]methyl]phenyl]-, (2E)- (CA INDEX NAME)

Double bond geometry as shown.



RN 404951-52-6 USPAT2

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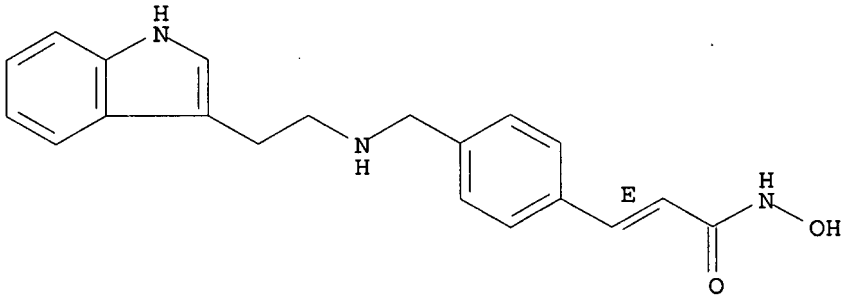

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The following are valid formats:

ABS --------- GI and AB
ALL --------- BIB, AB, IND, RE
APPS -------- AI, PRAI
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CAN --------- List of CA abstract numbers without answer numbers
CBIB -------- AN, plus Compressed Bibliographic Data
CLASS ------- IPC, NCL, ECLA, FTERM
DALL -------- ALL, delimited (end of each field identified)
DMAX -------- MAX, delimited for post-processing
FAM --------- AN, PI and PRAI in table, plus Patent Family data
FBIB -------- AN, BIB, plus Patent FAM
IND --------- Indexing data
IPC --------- International Patent Classifications
MAX --------- ALL, plus Patent FAM, RE
PATS -------- PI, SO
SAM --------- CC, SX, TI, ST, IT
SCAN -------- CC, SX, TI, ST, IT (random display, no answer numbers;
              SCAN must be entered on the same line as the DISPLAY,
              e.g., D SCAN or DISPLAY SCAN)
STD --------- BIB, CLASS

IABS -------- ABS, indented with text labels
IALL -------- ALL, indented with text labels
IBIB -------- BIB, indented with text labels
IMAX -------- MAX, indented with text labels
ISTD -------- STD, indented with text labels

OBIB -------- AN, plus Bibliographic Data (original)
OIBIB ------- OBIB, indented with text labels

SBIB -------- BIB, no citations
SIBIB ------- IBIB, no citations

HIT --------- Fields containing hit terms
HITIND ------ IC, ICA, ICI, NCL, CC and index field (ST and IT)
              containing hit terms
HITRN ------- HIT RN and its text modification
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HITSTR ------ HIT RN, its text modification, its CA index name, and
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HITSEQ ------ HIT RN, its text modification, its CA index name, its
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FHITSTR ----- First HIT RN, its text modification, its CA index name, and
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FHITSEQ ----- First HIT RN, its text modification, its CA index name, its
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KWIC -------- Hit term plus 20 words on either side
OCC --------- Number of occurrence of hit term and field in which it occurs

To display a particular field or fields, enter the display field
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L3   ANSWER 1 OF 1  CAPLUS  COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER:         2002:220554  CAPLUS <<LOGINID::20080128>>
DOCUMENT NUMBER:          136:262995
TITLE:                    Preparation of hydroxamic acids as deacetylase
                          inhibitors
INVENTOR(S):              Bair, Kenneth Walter; Green, Michael A.; Perez,
                          Lawrence B.; Remiszewski, Stacy W.; Sambucetti, Lidia;
                          Versace, Richard William; Sharma, Sushil Kumar
PATENT ASSIGNEE(S):       Novartis AG, Switz.; Novartis-Erfindungen
                          Verwaltungsgesellschaft mbH; Novartis Pharma GmbH
SOURCE:                   PCT Int. Appl., 96 pp.
                          CODEN: PIXXD2
DOCUMENT TYPE:            Patent
LANGUAGE:                 English
FAMILY ACC. NUM. COUNT:   1
PATENT INFORMATION:

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OTHER SOURCE(S): MARPAT 136:262995

IT ***404950-80-7P***

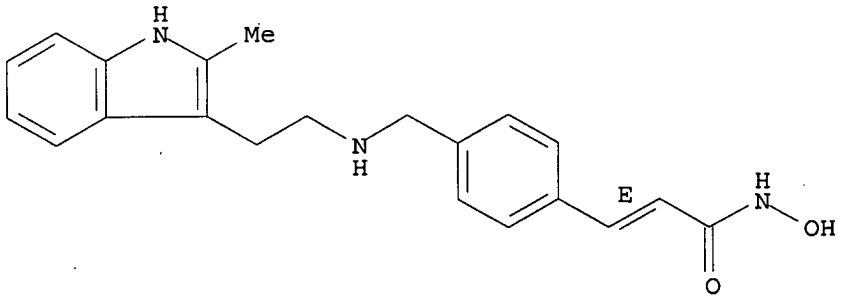
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of hydroxamic acids as deacetylase inhibitors)

RN 404950-80-7 CAPLUS

CN 2-Propenamide, N-hydroxy-3-[4-[[[2-(2-methyl-1H-indol-3-yl)ethyl]amino]methyl]phenyl]-, (2E)- (CA INDEX NAME)

Double bond geometry as shown.



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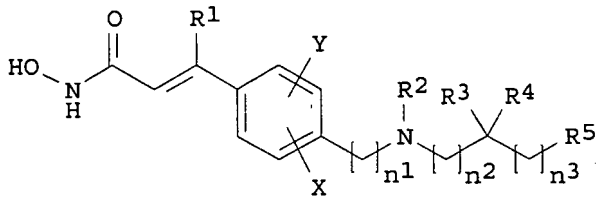

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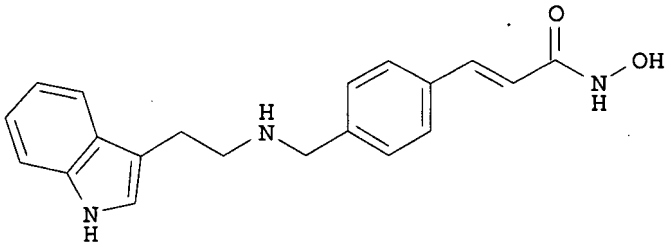

II

ABSTRACT:
The title compds. [I; R1 = H, halo, alkyl; R2 = H, alkyl, cycloalkyl, etc.; R3, R4 = H, alkyl, acyl, acylamino; or R3 and R4 together with the carbon atom to which they are bound = CO, CS, C:NR8; or R2 together with the N atom to which is bound and R3 together with the C atom to which it is bound form heterocycloalkyl, heteroaryl, etc.; R5 = H, alkyl, aryl, etc.; n1-n3 = 0-6; X, Y = H, halo, alkyl, etc.; R8 = H, alkyl, aryl, etc.] which are deacetylase inhibitors and therefore suitable for pharmaceutical compns. having anti-proliferative properties, were prepared E.g., a 3-step synthesis of II, starting with 4-formylcinnamic acid, was given. The exemplified compds. I showed IC50 of 0.005-0.5 μM against HDA.

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404951-18-4P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of hydroxamic acids as deacetylase inhibitors)